

FIGURE 1A.

5 ATGTCACTGA AAAACGAGCC ACGGGTAAAT ACCTCTGCAC TGCAGAAAAT TGCTGCTGAC ATGAGTAATA 70
 TCATAGAAAA TCTGGACACG CGGGAACTCC ACTTGAGGG AGAGGAGGT AACTACGACG TGTCTCCCAG 140
 CGATCCCAAG ATACAAGAAG TGTATATCCC TTTCTCTGCT ATTTATAACA CTCAAGGATT TAAGGAGCCT 210
 10 AATATACAGA CGTATCTCTC CGGCTGTCCA ATAAAAGCAC AAGTTCTGGA AGTGGAACGC TTCACATCTA 280
 CAACAAGGGT ACCAAGTATT AATCTTTACA CTATTGAATT AACACATGGG GAATTAAAT GGCAAGTTAA 350
 GAGGAAATTC AAGCATTTTC AAGAATTTCAGAGAGCTG CTCAAGTACA AAGCCTTAT CCGCATCCCC 420
 15 ATTCCCACCA GAAGACACAC GTT TAGGAGG CAAAACGTCA GAGAGGAGCC TCGAGAGATG CCCAGTTGC 490
 CCCGTTCATC TGAAAACATG ATAAGAGAAG ACAATTCCCT TGGTAGAAGA AAACAATGG AAGATTACTT 560
 20 GACAAAGATA CTAAAATGC CCATGTATAG AACTATCAT GCCACAACAG AGTTCTTGA TATAAGCCAG 630
 CTGTCTTCA TCCATGATTG GGGACCAAAG GGCATAGAAG GTATGATAAT GAAAAGATCT GGAGGACACA 700
 GAATACCAGG CTTGAATTGC TGTGGTCAGG GAAGAGCCTG CTACAGATGG TCAAAAAGAT GGTTAATAGT 770
 25 GAAAGATTCC TTTTTATTGT ATATGAAACC AGACAGCGGT GCCATTGCCCT CGTCTCTGCT GGTAGACAAA 840
 GAATTCAAA TTAAGGTGGG GAAGAAGGAG ACAGAAACGA AATATGGAAT CGAATTGAT AATCTTCAA 910
 30 GGACACTTAT TTTAAAATGC AACAGCTATA GACATGCTCG GTGGTGGGGA GGGGCTATAG AAGAATTCA 980
 CCAGAAACAT GGCACCAACT TTCTCAAAGA TCATCGATTG GGGTCATATG CTGCTATCCA AGAGAATGCT 1050
 TTAGCTAAAT GGTATGTTAA TGCCAAAGGA TATTTGAAG ATGTGGCAA TGCAATGGAA GAGGCAAATG 1120
 35 AAGAGATTTC TATCACAGAC TGGTGGCTGA GTCCAGAAAAT CTTCTGAAA CGCCCAGTGG TTGAGGGAAA 1190
 TCGGTGGAGG TTGGACTGCA TTCTTAAACG AAAAGCACAA CAAGGAGTGA GGATCTTCAT AATGCTCTAC 1260
 40 AAAGAGGTGG AACTCGCTCT TGGCATCAAT AGTGAATACA CCAAGAGGAC TTTGATGCGT CTACATCCCCA 1330
 ACATAAAAGGT GATGAGACAC CCGGATCATG TGTCACTCAC CGTCTATTG TGGCTCACC ATGAGAAGCT 1400
 TGTCATCATT GACCAATCGG TGGCCTTGT GGGAGGGATT GACCTGGCCT ATGGAAGGTG GGACGACAAT 1470
 45 GAGCACAGAC TCACAGACGT GGGCAGTGTG AAGCGGGTCA CTTCAGGACC GTCTCTGGT TCCCTCCCAC 1540
 CTGCCCAAT GGAGTCTATG GAATCCTTAA GACTCAAAGA TAAAATGAG CCTGTTAAA ACCTACCCAT 1610
 50 CCAGAAAGAT ATTGATGATG TGGATTCAAA ACTGAAAGGA ATAGGAAAGC CAAGAAAGT CTCCAAATT 1680
 AGTCTCTACA AGCAGCTCCA CAGGCCAACAC CTGCACGACG CAGATAGCAT CAGCAGCATT GACAGCACCT 1750
 55 CCAGTTATT TAATCACTAT AGAAGTCATC ACAATTAAAT CCATGGTTA AAACCCACT TCAAACCTT 1820
 TCACCCGTCC AGTGAGTCTG AGCAAGGACT CACTAGACCT CATGCTGATA CCGGGTCCAT CCGTAGTTA 1890
 CAGACAGGTG TGGGAGAGCT GCATGGGAA ACCAGATTCT GGCATGGAAA GGACTACTGC AATTCGTCT 1960
 60 TCAAAGACTG GGTTCAACTT GATAAACCTT TTGCTGATT CATTGACAGG TACTCCACGC CCCGGATGCC 2030
 CTGGCATGAC ATTGCTCTG CAGTCCACGG GAAGGCGCT CGTGATGTGG CACGTCACCT CATCCAGCGC 2100
 TGGAACTTCA CAAAAATTAT GAAATCAAA TATCGTCCC TTTCTTATCC TTTCTGCTT CCAAAGTCTC 2170
 65 AAACAACAGC CCATGAGTTG AGATATCAAG TGCCTGGTC TGTCCATGCT AACGTACAGT TGCTCCGCTC 2240
 TGCTGCTGAT TGGTCTGCTG GTATAAAAGTA CCATGAAGAG TCCATCCACG CCGCTTACGT CCATGTGATA 2310
 70 GAGAACAGCA GGCACCTATAT CTATATCGAA AACCAAGTTT TCATAAGCTG TGCTGATGAC AAAGTTGTGT 2380

FIGURE 1B.

5 TCAACAAAGAT AGGCGATGCC ATTGCCAGA GGATCCTGAA AGCTCACAGG GAAAACCAGA AATACCGGGT 2450
ATATGTCGTG ATACCACTTC TGCCAGGGTT CGAAGGAGAC ATTTCAACCG GCGGAGGAAA TGCTCTACAG 2520
GCAATCATGC ACTTCAACTA CAGAACCATG TGCAGAGGAG AAAATTCCAT CCTTGACAG TTAAAAGCAG 2590
10 AGCTTGGTAA TCAGTGGATA AATTACATAT CATTCTGTGG TCTTACAACA CATGCAGAGC TCGAAGGAAA 2660
CCTAGTAACT GAGCTTATCT ATGTCACAG CAAGTTGTTA ATTGCTGATG ATAACACTGT TATTATTGGC 2730
TCTGCCAACA TAAATGACCG CAGCATGCTG GGAAAGCGTG ACAGTGAAAT GGCTGTCATT GTGCAAGATA 2800
15 CAGAGACTGT CCCTTCAGTA ATGGATGGAA AAGAGTACCA AGCTGGCCGG TTTGCCGAG GACTTCGGCT 2870
ACAGTGCTTT AGGGTTGTCC TTGGCTATCT TGATGACCCA AGTGAGGACA TTCAGGATCC AGTGAGTGAC 2940
20 AAATTCTCA AGGAGGTGTG GGTTCAACA GCAGCTCGAA ATGCTACAAT TTATGACAAG GTTTCCGGT 3010
GCCTTCCCAA TGATGAAGTA CACAATTAA TTCAGCTGAG AGACTTTATA AACAAAGCCCG TATTAGCTAA 3080
GGAAGATCCC ATTGAGCTG AGGAGGAACG GAAGAAGATC CGTGGATTT TGGTGCATT CCCCTTTAT 3150
25 TTCTTGTCTG AAGAAAGCCT ACTGCCTTCT GTGGGACCA AAGAGGCCAT AGTGCCTCATG GAGGTTGGA 3220
CTTAA 3225

30

FIGURE 2.

5 MSLKNEPRVN TSALOKIAAD MSNIENLDT RELHFEGEEV DYDVSPSDPK IQEVYIPFSA IYNTQGFKEP 70
NIQTYLSGCP IKAQVLEVER FTSTTRVPSI NLYTIELTHG EFKWQVKRKF KHFQEFHREL LKYKAFIRIP 140
10 IPTRRHTFRR QNVREEPREM PSLPRSSENM IREEQFLGRR KQLEDYLTKI LKMPMYRNYH ATTEFLDISQ 210
LSFIHDLGPK GIEGMIMKRS GGHRIPGLNC CGQGRACYRW SKRWLIVKDS FLLYMKPDSG AIAFVLLVDK 280
15 EFKIKVGKKE TETKYGIRID NLSRTLILKC NSYRHARWWG GAIEEFIQKH GTNFLKDHRF GSYAAIQENA 350
LAKWYVNAKG YFEDVANAME EANEEIFITD WWLSPEIFLK RPVVEGNRWR LDCILKRKAQ QGVRIFIMLY 420
20 EHRLTDVGSV KRVTSGPSLG SLPPAAMESM ESLRLDKNE PVQNLPIQKS IDDVDSKLKG IGKPRKFSKF 560
SLYKQLHRHH LHDADSISSI DSTSSYFNHY RSHHNLIHGL KPHFKLFHPS SESEQGLTRP HADTGSIRSL 630
25 QTGVGELHGE TRFWHGKDYC NFVFKDWVQL DKPFADFDLR YSTPRMPWHD IASAVHGKAA RDVARHFIQR 700
WNFTKIMSK YRSLSYPFLL PKSQTTAHEL RYQVPGSVHA NVQLLRSAAD WSAGIKYHEE SIHAAYVHVI 770
30 ENSRHYYIE NQFFFISCADD KVVFNKIGDA IAQRILKAHR ENQKYRVVV IPLLPFGED ISTGGGNALQ 840
AIMHFNYRTM CRGENSILGQ LKAELGNQWI NYISFCGLRT HAELEGNLVT ELIYVHSKLL IADDNTVIIG 910
SANINDRSML GKRDSSEMAVI VQDTETVPSV MDGKEYQAGR FARGLRLQCF RVVLGYLDDP SEDIQDPVSD 980
KFFKEVVWST AARNATIYDK VFRCLPNDEV HNLIQLRDFI NKPVLAKEDP IRAEEELKKI RGFLVQFPFY 1050
35 FLSEESILLPS VGTKEAIVPM EVWT 1074

FIGURE 3A.

ATGACGGCGA CCCCTGAGAG CCTCTTCCCC ACTGGGGACG AACTGGACTC CAGCCAGCTC CAGATGGAGT 70
5 CCGATGAGGT GGACACCCCTG AAGGAGGGAG AGGACCCAGC CGACCGGATG CACCCGTTTC TGGCCATCTA 140
TGAGCTTCAG TCTCTGAAAG TGCACCCCTT GGTGTTCGCA CCTGGGGTCC CTGTCACAGC CCAGGTGGTG 210
10 GGCACCGAAA GATATACCAAG CGGATCCAAG GTGGGAACCT GCACCTGT A TCTGTCGCG TTGACTCACG 280
GCGACTTTTC CTGGACAACC AAGAAGAAAT ACCGTCATT TCAGGAGCTG CATCGGGACC TCCTGAGACA 350
CAAAGTCTTG ATGAGTCTGC TCCCTCTGGC TCGATTTGCC GTTGCCTATT CTCCAGCCCG AGATGCAGGC 420
15 AACAGAGAGA TGCCCTCTCT ACCCCGGCA GGTCCCTGAGG GCTCCACCAAG ACATGCAGCC AGCAAACAGA 490
AATACCTGGA GAATTACCTC AACTGTCTCT TGACCATGTC TTTCTATCGC AACTACCATG CCATGACAGA 560
GTTCCCTGAA GTCAGTCAGC TGTCCCTTAT CCCGGACTTG GGCGCAAAAG GACTGGAGGG GATGATCCGG 630
20 AAGCGCTCAG GTGGCCACCG TGTCCCTGGC CTCACCTGCT GTGGCCGAGA CCAAGTTGT TATCGCTGGT 700
CCAAGAGGTG GCTGGTGGTG AAGGACTCCT TCCGTGCTGA CATGTGCCTC GAGACAGGTG CCATCTCATT 770
25 TGTCAGCTC TTTGACCTCTG GCTTTGAGGT GCAAGTGGGG AAAAGGAGCA CGGAGGCACG GCACGGCGTG 840
CGGATCGATA CCTCCCCACAG GTCCTTGATT CTCAAGTGCA GCAGCTACCG GCAGGCACGG TGGTGGGCC 910
AAGAGATCAC TGAGCTGGCA CAGGGCCACAG CGAGAGACTT CCTACAGCTG CACCGGCATG ACAGCTACGC 980
30 CCCACCCCGG CCTGGGACCT TGGCCGGTG GTTTGTGAAT GGGCAGGTT ACTTGCTGC TGTGGCAGAT 1050
GCCATCCTTC GAGCTAAGA GGAGATTTTC ATCACAGACT GGTGGTTGAG TCCGTGAGGTT TACCTGAAGC 1120
35 GTCCGGCCCA TTCAGATGAC TGGAGACTGG ACATTATGCT CAAGAGGAAG GCGGAGGAAG GTGTCCGTGT 1190
GTCTATTCTG CTGTTAAAG AAGTGGAAATT GGCCTGGGC ATCAACAGTG GCTATAGCAA GAGGGCGCTG 1260
40 ATGCTGCTGC ACCCCAACAT AAAGGTGATG CGTCACCCAG ACCAAGTGAC GTTGTGGCC CATCATGAGA 1330
AGCTCCTGGT GGTGGACCAA GTGGTAGCAT TCCCTGGGG ACTGGACCTT GCCTATGGCC GCTGGGATGA 1400
CCTGCACTAC CGACTGACTG ACCTTGGAGA CTCCTCTGAA TCAGCTGCCT CCCAGCCTCC CACCCCGCGC 1470
45 CCAGACTCAC CAGCCACCCC AGACCTCTCT CACAACCAAT TCTTCTGGCT GGGCAAGGAC TACAGCAATC 1540
TTATCACCAA GGACTGGGTG CAGCTGGACC GGCCTTCGA AGATTCATT GACAGGGAGA CGACCCCTCG 1610
GATGCCATGG CGGGACGTTG GGGTGGTCGT CCATGGCCTA CGGGCCCGG ACCTTGCCCG GCACITTCATC 1680
50 CAGCGCTGGA ACTTCACCAA GACCACCAAG GCCAAGTACA AGACTCCCAT ATACCCCTAC CTGCTTCCCA 1750
AGTCTACCAAG CACGGCCAAT CAGCTCCCCCT TCACACTTCC AGGAGGGCAG TGCAACCACCG TACAGGTCTT 1820
55 GCGATCAGTG GACCGCTGGT CAGCAGGGAC TCTGGAGAAC TCCATCCTCA ATGCCTACCT GCACACCAC 1890
AGGGAGAGCC AGCACTTCCT CTACATTGAG AATCAGTTCT TCATTAGCTG CTCAGATGGG CGGACGGTTC 1960
TGAACAAGGT GGGCGATGAG ATTGTGGACA GAATCCTGAA GGGCCACAAA CAGGGGTGGT GTTACCGAGT 2030
60 CTACGTGCTT TTGCCCTTAC TCCCTGGCTT CGAGGGTGAC ATCTCCACGG GCGGTGGCAA CTCCATCCAG 2100
GCCATTCTGC ACTTTACTTA CAGGACCCCTG TGTCTGGGG AGTATTCAAT CCTGCATCGC CTAAAGCAG 2170
65 CCATGGGAC AGCATGGCGG GACTATATTT CCATCTGGGG GCTTCGTACA CACGGAGAGC TGGGCGGGCA 2240
CCCCGTCTCG GAGCTCATCT ACATCCACAG CAAGGTGCTC ATCGCAGATG ACCGGACAGT CATCATTGGT 2310
TCTGCAAACA TCAATGACCG GAGCTTGCTG GGGAAAGCGGG ACAGTGAGCT GGGCGTGTG ATCGAGGACA 2380
70 CAGAGACGGA ACCATCCCTC ATGAATGGGG CAGAGTATCA GGCGGGCAGG TTTGCCTTGA GTCTGCGGAA 2450
GCACGTCTTC CGTGTGATTC TTGGAGCAA TACCCGGCA GACTTGGATC TCCGAGACCC CATCTGTGAT 2520

FIGURE 3B.

5 GACTTCTTCC AGTTGTGGCA AGACATGGCT GAGAGCAACG CCAATATCTA TGAGCAGATC TTCCGCTGCC 2590
TGCCATCCAA TGCCACCGCGT TCCCTGCAGA CTCTCCGGGA GTACGTGGCC GTGGAGCCCT TGGCCACCGT 2660
CAGTCCCCCC TTGGCTCGGT CTGAGCTCAC CCAGGTCCAG GGCCACCTGG TCCACTTCCC CCTCAAGTTC 2730
10 CTAGAGGATG AGTCTTGCT GCCCCCGCTG GGTAGCAAGG AGGGCATGAT CCCCTAGAA GTGTGGACAT 2800
AG 2802

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FIGURE 4.

5 MTATPESLFP TGDELDSSQL QMESDEVDTL KEGEDPADRM HPFLAIYELQ SLKVHPLVFA PGVPVTAQVV 70
GTERYTSGSK VGTCTLYSVR LTHGDFSWTT KKRYRHFQEL HRDLLRHKVL MSLLPLARFA VAYSPARDAG 140
10 NREMPSLPRA GPEGSTRHAA SKQKYLENYL NCLLTMSFYR NYHAMTEFLE VSQLSFIPDL GRKGLEGMR 210
KRSGGHRVPG LTCGRDQVC YRWSKRWLVV KDSFLLYMCL ETGAISFVQL FDPGFEVQVG KRSTEARHGV 280
RIDTSHRSLI LKCSSYRQAR WWAQEITELA QGPGRDFLQL HRHDSYAPPR PGTLARWFVN GAGYFAAVAD 350
15 AILRAQEEIF ITDWWLSPREV YLKRAHSDD WRLDIMLKRK AEEGVRVSIL LFKEVELALG INSGYSKRAL 420
MLLHPNIKVM RHPDQVTLWA HHEKLLVVVDQ VVAFLGGLDL AYGRWDDLHY RLTDLGDSSE SAASQPPTPR 490
20 PDSPATPDLS HNQFFWLGKD YSNLITKDWV QLDRPFEDFI DRETTPRMPW RDVGVVVHGL PARDLARHFI 560
QRWNFTKTTK AKYKTPIYPY LLPKSTSTAN QLPFTLPGQQ CTTVQVLRSV DRWSAGTLEN SILNAYLHTI 630
25 RESQHFLYIE NQFFISCSDG RTVINKVGDE IVDRILKAHK QGWCYRVYVL LPPLPGFEQD ISTGGGNSIQ 700
AILHFTYRTL CRGEYSILHR LKAAMGTAWR DYISICGLRT HGELGGHPVS ELIYIHSKVL IADDRTVIIG 770
SANINDRSLL GKRDSLAVL IEDTETEPLS MNGAEYQAGR FALSLRKHCF GVILGANTRP DLDLRDPICD 840
30 DFFQLWQDMA ESNANIYEQI FRCLPSNATR SLRTLREYVA VEPLATVSPP LARSELTQVQ GHLVHFPLKF 910
LEDESLLPPL GSKEGMIPLE VWT 933

FIGURE 5.

ATGAAGCCTA AACTGATGTA CCAGGAGCTG AAGGTGCCTG CAGAGGAGCC CGCCAATGAG CTGCCCATGA 70
 ATGAGATTGA GGCCTGAAAG GCTCGGAAA AGAAAGCCCG CTGGTCCTG CTGGTCCTCA TTCTGGCGGT 140
 5 TGTGGCTTC GGAGCCCTGA TGACTCAGCT GTTCTATGG GAATAACGGCG ACTTGATCT CTTTGGGCC 210
 AACCAAGGCC CAGCCCCCTG CTATGACCT TGCGAAGCAG TGCTGGTGA AAGCATTCT GAGGGCCTGG 280
 10 ACTTCCCCAA TGCCCTCACG GGGAACCTT CCACCAAGCCA GGCCTGGCTG GGCCTGCTCG CCGGTGCGCA 350
 CAGCAGCCTG GACATGCCCT CCTTCTACTG GACCCCTCACC AACAAATGACA CCCACACGCA GGAGCCCTCT 420
 15 GCCCAGCAGG GTGAGGAGGT CCTCCGGCAG CTCCAGACCC TGGCACCAAA GGGCGTGAAC GTCCGCATCG 490
 CTGTGAGCAA GCCCAGCGGG CCCCAGCCAC AGGCGGACCT GCAGGCTCTG CTGCAGAGCG GTGCCAGGGT 560
 CCGCATGGTG GACATGCAGA AGCTGACCCA TGCGTCCTG CATAACCAAGT TCTGGGTGGT GGACCAGACC 630
 20 CACTTCTACC TGGGAGTGC CAACATGGAC TGCGTTCAC TGACCCAGGT CAAGGAGCTG GGCCTGGTCA 700
 TGTACAACTG CAGCTGCCTG GCTCGAGACC TGACCAAGAT CTTTGAGGCC TACTGGTTCC TGGGCCAGGC 770
 AGGCAGCTCC ATCCCATAA CTTGGCCCCG GTTCTATGAC ACCCGCTACA ACCAAGAGAC ACCAATGGAG 840
 25 ATCTGCCTCA ATGGAACCCC TGCTCTGGCC TACCTGGCGA GTGCGCCCCC ACCCCTGTGT CCAAGTGGCC 910
 GCACCTCAGA CCTGAAGGCT CTACTCAACG TGGTGGACAA TGCCCGGAGT TTCATCTACG TCGCTGTCAT 980
 30 GAACTACCTG CCCACTCTGG AGTTCTCCA CCCTCACAGG TTCTGGCCTG CCATTGACGA TGGGCTGCGG 1050
 CGGGCCACCT ACGAGCGTGG CGTCAAGGTG CGCCTGCTCA TCAGCTGCTG GGGACACTCG GAGCCATCCA 1120
 TGCGGGCCTT CCTGCTCTCT CTGGCTGCC TGCGTGACAA CCATACCCAC TCTGACATCC AGGTGAAACT 1190
 35 CTTTGTGGTC CCCCGGATG AGGCCCAGGC TCGAATCCA TATGCCGTG TCAACCAACAA CAAGTACATG 1260
 GTGACTGAAC GCGCCACCTA CATCGGAACC TCCAACCTGGT CTGGCAACTA CTTCACGGAG ACGGCGGGCA 1330
 40 CCTCGCTGCT GGTGACCGAG AATGGGAGGG CGGGCCTGCG GAGCCAGCTG GAGGCCATTG TCCTGAGGGA 1400
 CTGGGACTCC CCTTACAGCC ATGACCTTGA CACCTCAGCT GACAGCGTGG GCAACGCCCTG CCGCCTGCTC 1470
 TGA 1473

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FIGURE 6.

MKP KLMYQEL KVPAEEPANE LPMNEIEAWK AAEKKARWVL LVLILAVVGF GALMTQLFLW 60
EYGD LHLFGP NQR PAP CYDP CEA VLVESIP EGLDFPNAST GNPSTSQA WL GLLAGAHSSL 120
5 DIASF YWT LT NND THT QEPS AQ QGE E VLRQ LQT LAPKG VVN VRI AVSKPSG PQP QADLQAL 180
LQSGA QVRM V DMQKLTHGVL HTKF WVV DQT HFYLGSANMD WRSLTQVKEL GVVMYNC SCL 240
ARDLTKIPEA YWFLGQAGSS IPSTWPRFYD TRYNQETPM E ICLNGTPALA YLASAPPPLC 300
PSGRTPDLKA LLNVVDNARS FIYVAVMNYL PTLEFSHPHR FWPAIDDGLR RATYERGVKV 360
10 RLLISCGWHS EPSMRAFLLS LAALRDNH TH SDIQVKLFVV PADEAQARIP YARVNHNKYM 420
VTERATYIGT SNWSGNYFTE TAGTSLLVTQ NGRGGLRSQ EAIFLRDWDS PYSHDLDTSA 480
DSVGNACRLL 490

FIGURE 7.

ATGAAGCCTA AACTGATGTA CCAGGAGCTG AAGGTTCTG TTGAGGAACC TGCGGGAGAA CTGCCCATGA 70
5 ATGAAATCGA GGCATGGAAG GCAGCAGAGA AGAAAGCCG TTGGTCCTC CTTGTCCTA TCCTGGCGT 140
AGTGGCTTC GGTGCCCTGA TGACTCAGCT GTTCTATGG GAATACGGGG ACTTACATCT ATTTGGCCG 210
10 AATCAGCACCC CAGCCCCCTG CTATGACCCC TGCGAGGCAG TGCTGGTGA GAGCATTCCC GAGGGGCTGG 280
AGTTTCCCAA TGCCACCAAG AGCAACCCCT CCACCAGCCA GGCTGGTTG GGCTCCCTG CGGGTGCTCA 350
15 CAGCAGCCTG GACATCGCGT CCTTCTACTG GACTCTCACA AACAAATGATA CCCACACGCA AGAGCCCTCT 420
GCCAGGAGG GTGAAGAGGT TCTTCAGCAG CTTCAAGCTC TGACACCTCG AGGTGTAAG GTTCGCATCG 490
20 CTGTGAGCAA ACCAACCGGA CCTCTGGCTG ATCTGCAGTC TCTGCTACAG AGTGGTCCCC AGGTGCGCAT 560
GGTGGACATG CAGAAGCTGA CCCATGGTGT CCTGCACACC AACATCTGGG TGGTGGACCA GACCCACTTT 630
25 CTCCATCCCT TCAACCTGGC CACGGCCCTT TGACACCCGG TACAACCAAG AAACACCGAT GGAGATCTGC 840
CTCAATGGCA CCCCCAGCCCT GGCTTACCTG CGGAGTGCAC CCCCCGCCACT GTGTCCAGGT GGCCGCACCC 910
30 CAGACCTGAA GGCACTGCTC AGCGTGGTGG AACACGCCG AAGCTTCATC TACATTGCAG TTATGAACTA 980
CCTGCCACC ATGGAGTTCT CCCATCCACG CAGGTTCTGG CCAGCGATTG ATGATGGGCT AAGACGGGCT 1050
35 GCGTATGAAAC GAGGCGTCAA AGTGCCTTG CTCATCAGCT GCTGGGGACA CTCCGAGCCA TCCATGCGGT 1120
CCTTCCCTGCT CTCCCTGGCT GCCCTTCGTG ACAACCATAAC CCACTCTGAC ATCCAGGTGA AACTGTTGT 1190
GGTCCCTGCG GATGAGGCC AAGCTCGAAT CCCCTATGCC CGCGTCAACC ACAACAAGTA CATGGTACT 1260
40 GAACGCACCA CATAACATTGG AACCTCCAAC TGGTCTGGAA GCTACTTCAC AGAGACGGCA GGCACCTCCC 1330
TGCTGGTGAC ACAGAACGGG CACGGTGGCT TGCGCAGCCA GCTGGAGGCT GTTTCTGA GAGACTGGGA 1400
ATCCCCATAC AGCCACAAACC TTGACACCTC AGCCGACAGT GTGGGCAATG CCTGCCGCCT GCTTTGA 1467

FIGURE 8

5 MKPKLMLYQEL KVPVEEPAGE LPMNEIEAWK AAEKKARWVL LVLILAVVGF GALMTQLFLW EYGDHLFLGP 70
NQHPAPCYDP CEAVLVESIP EGLEPPNATT SNPSTSQAWL GLLAGAHSSL DIASFYWTLT NNDTHTQEPS 140
10 AQQGEEVLQQ LQALAPRGVK VRIVSKPNQ PLADLQSLLQ SGAQVRMVDM QKLTHGVLHT KFWVVDQTHF 210
YLGSANMDWR SLTQVKELGV VMYNCSCLAR DLTKIFEAYW FLCQAGSSIP STWPRPFDTY YNQETPMEIC 280
15 LNGTPALAYL ASAPPPLCPG GRTPDLKALL SVVDNARSFI YIAVMNYLPT MEFSHPRRFW PAIDDGLRRA 350
AYERGVKVRL LISCGWHSEP SMRSFLLSLA ALRDNHHTSD IQVKLFVVPA DEAQARIPIYA RVNHNKYMVT 420
ERTTYIGTSN WSGSYFTETA GTSLLVQTQNG HGGRLRSQLEA VFLRDWESPY SHNLDTADS VGNACRLL 488